

VOCE II

AV 6.5 P II

Woofer 300 W Peak Power 165 mm (6.5 in.) 4 ohm

The Audison VOCE II AV 6.5 P II woofer is engineered to deliver exceptional sound clarity and precision. It naturally rolls off at off-axis positions, eliminating the need for a low-pass filter in most door installations and reducing phase shifts common with other filters. It can employ a gentle 6 dB/Octave filter to enhance low and mid-bass tones, further enriching sound quality. The woofer's OEM-style connector, compatible with FASTON terminals and designed for seamless integration, features a unique T-shaped pole piece with an aluminum ring to minimize distortion and enhance frequency response.



TECHNICAL SPECS

Nominal diameter	165 mm (6.5 in)
Impedance	4
Minimum Impedance	3.1 Ohm
Power Handling - Peak	300 W
Power Handling - Continuous	150 W
Sensitivity	91 dB
	SPL measured at 2.83V/1m;
Frequency Response	45 - 7500 Hz
	(-6dB)
Voice Coil Ø	40 mm (1.6 in)
Chassis Material	ALUMINIUM
Magnet Material	HIGH DENSITY FLUX FERRITE
Magnet size D x d x h	100 x 45 x 18 (3.9 x 1.8 x 0.7) mm (in.)
Voice Coil Material	CCAW
Former Material	GLASS FIBER
Cone Material	SEMI-PRESSED PAPER
Surround Material	RUBBER
Xmax	4.95 mm (0.19 in)
Xmech	7.5 mm (0.3 in)
Voice Coil Winding Height	13 mm (0.51 in)
Gap Height	6 mm (0.24 in)

ELECTRIC-ACOUSTIC SPECS

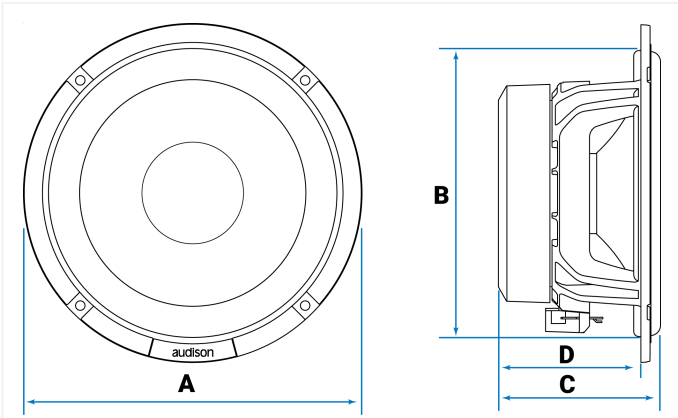
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D	128.3 cm ² (19.887 in²)
Re	2.9 Ohm
Fs	66 Hz
Le	0.3 mH
Vas	9.09 l (0.321 ft)
Mms	15.3 g (0.54 oz)
Cms	0.38 mm/N
BL	5.5 T•m
Qts	0.57
Qes	0.61
Qms	9.06

GENERAL

Weight	1.6 kg
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DIMENSIONS

	
Dimension A	165 mm (6.5 in)
Dimension B	140.8 mm (5.54 in)
Dimension C	74.2 mm (2.92 in)
Dimension D	69.8 mm (2.75 in)
Centre to centre distance	155 mm
Hole diameter	4.5 mm

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